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THE BOEING COMPANY

NUMBER D2-6819-6

UNCLASSIFIED TITLE Integrated Base Support Requirements -

Grand Forks Air Force Base

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1.0

INTRODUCTION

The Boeing Company, as the Assembly and Checkout Contractor, will be responsible for the functional system assembly and checkout of the Minuteman Hardened and Dispersed Deployment Area at Grand Forks Air Force Base, North Dakota.

1.2

Associated with The Boeing Company, under prime contract to the Air Force or an Air Force Agency, are Associate Contractors who have a direct responsibility to the Air Force for other portions of the Weapon System.

1.3

Under contract to the Boeing effort are contractors, referred to as Technical Subcontractor(s), who have a direct responsibility by contract to Boeing.

1.4

The SATAF Commander will establish the Host Base (Grand Forks AFB) relationship.

1.5

The support requirements are listed showing category, responsibility and the duration of each requirement by date. They are also described in the associated paragraphs of the document.

1.6

In the event support and/or services indicated as Host Base responsibility cannot be obtained at the time required, SATAF will obtain for Boeing a "CERTIFICATE OF NON AVAILABILITY" signed by the cognizant base authority. Upon receipt of contractual authorization, Boeing will obtain the support and services through other sources in accordance with the provisions of Contract AFO4(694)-266 as amended by OCN #6

1.6

(Continued)

thereto and upon direction of the Administrative Contracting Officer (ACO).

1.7

A site plan (see Item 33.0) showing building assignments has been included. Reference to Support Documents has been made in cases where knowledge of availability of further information regarding the nature or scope of a particular item was considered to be advisable.

1.8

Revision of specific items of this document will be made whenever a vital need occurs, and a complete revision will be released in connection with the pricing effort associated with definitization of the contract.

2.0

PURPOSE

The purpose of this document is to establish the integrated support and services responsibilities as they apply to the site activation tasks at the Minuteman Hardened and Dispersed Wing VI. This document is also intended for use by applicable contractors and agencies having a responsibility or related interest in the site activation tasks.

3.0

SCOPE

This document encompasses all support and services requirements related to the Site Activation Task. The dates for these requirements will be based on schedules as given in 6400-1100 Master Schedule and will extend through assembly, checkout and deactivation. The document primarily describes:

- A. Support and services responsibilities which Boeing will provide to support SATAF and Boeing Technical Subcontractors.
- B. Support and services responsibilities which SATAF will provide to support Boeing.

3.1

Where responsibilities indicate Boeing and R/V Contractor participation, Boeing will be responsible for all support except to the R/V Contractor. Responsibilities shown as Boeing only are intended to indicate that Boeing will support SATAF, the R/V Contractor and Boeing Subcontractors during Site Activation.

3.2

It is the intent of this document that scope shall be confined to a complete statement of the function to be performed together with a clear designation of responsibilities. However, no effort will be made to encompass total manpower and total equipment requirements. Listings of manpower, equipment and materials are included for planning purposes only.

**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SATAF	BASE	BOEING	RV CONT	DATES	
						START	END
4.0	MEDICAL						
	First Air Service						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
4.2	Ambulance Service						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
4.3	Hospital Service (Emergency)						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
5.0	FIRE PROTECTION						
5.1	Policy and Procedural Guidance						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS		X			Sept 63	June 66
5.2	Fire Extinguishers						
	Base		X			Aug 63	Sept 66
	LF, LCF		X	X		Oct 63	June 66
	DS		X	X		Sept 63	June 66
5.3	Fire Prevention						
	Base		X	X	X	Aug 63	Sept 66
	LF, LCF and DS		X	X		Sept 63	June 66
5.4	Fire Fighting						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS	X	X			Sept 63	June 66

**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SAT. F	BASE	BOEING	R/V CONT	DATES	
						START	END
6.0	SAFETY						
6.1	Procedural Guidance						
	Base	X		X	X	Aug 63	Sept 66
	LF, LCF and DS	X		X	X	Sept 63	June 66
6.2	Individual Protective Equipment						
	Base			X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
7.0	SECURITY						
	Policy and Procedural Guidance						
	Base			X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
7.2	Guards						
	Base			X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
7.3	Contractor Facilities						
	Base			X	X	Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
7.4	Identification System			X		Aug 63	Sept 66
7.5	Visitor Control						
	Base			X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
7.6	Locksmith Service						
	Base			X		Aug 63	June 66
	LF, LCF and DS			X		Sept 63	June 66

**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SATAF	BASE	BOEING	RTV CONT	DATES	
						START	END
8.0	FOOD SERVICE						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
8.1	Food Requirements	X	X			Aug 63	Sept 66
9.0	PHOTOGRAPHIC SERVICES						
9.1	Ground Photography	X	X	X		Oct 63	June 66
9.2	Aerial Photography	X				Oct 63	June 66
9.3	Photo Processing	X	X	X		Oct 63	June 66
9.4	Photo Requirements			X		Oct 63	June 66
10.0	COMMUNICATIONS						
10.1	Mail Service	X				Aug 63	Sept 66
10.2	Distribution			X	X	Aug 63	Sept 66
10.3	On-Base Telephone Service	X				Aug 63	Sept 66
10.3.1	Remote (LC, LCF and DS) Telephone						
	Radio and TWX Service	X		X		Oct 63	Sept 66
10.3.2	Leased Lines			X		Nov 63	Sept 66
10.3.3	Mobile Communications	X	X			Oct 63	Sept 66
11.0	REPRODUCTION			X		Sept 63	Sept 66
12.0	TRANSPORTATION						
12.1	Personnel Transportation						
	Base			X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66

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**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SATAF	BASE	BOEING	RV CONT	DATES	
						START	END
12.2	Bus Service						
	Base			X		Sept 63	June 66
	LF, LCF and DS			X		Dec 63	June 66
13.0	MATERIAL HANDLING						
13.1	Freight and Material Delivery Service			X	X	Dec 63	Sept 66
13.2	Inter Site Service			X		Sept 63	Sept 66
13.3	Intra-Base Service	X	X	X		Aug 63	Sept 66
13.4	Special Purpose Vehicles and Material Handling Equipment	X	X	X		Aug 63	Sept 66
13.5	Log Air Deliveries	X	X			Dec 63	Sept 66
13.6	Missile Deliveries	X		X		May 65	June 66
13.7	Rail Deliveries	X	X			Aug 63	Sept 66
13.8	Packing and Crating			X		Dec 63	Sept 66
13.9	Receiving and Shipping	X	X	X		Aug 63	Sept 66
14.0	OPERATING SUPPLIES AND MATERIALS						
14.1	Expendable Supplies			X	X	Aug 63	Sept 66
14.2	POL Supplies						
	Base	X	X			Aug 63	Sept 66
	LF, LCF and DS	X	X			Sept 63	Sept 66
15.0	UTILITIES						
15.1	Commercial Electrical Systems						

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**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SATAF	BASE	BOEING	RV CONT	DATES	
						START	END
	Base		X			July 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
15.2	Water Systems - Domestic						
	Base		X	X		Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
15.3	Environmental Control Systems						
	Base		X	X		Aug 63	June 66
	LF, LCF and DS			X		Dec 63	June 66
15.4	Sewerage Systems						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
16.0	BUILDINGS and GROUNDS						
16.1	Rehabilitation and Modification	X	X	X		Aug 63	Sept. 65
16.2	Maintenance		X	X		Aug 63	Sept 66
16.3	Grounds Maintenance						
	Base		X			Aug 63	Sept 66
	LF, LCF and DS			X		Sept 63	June 66
17.0	ROADS AND GROUNDS						
17.1	Road Maintenance						
	Base, LF & LCF		X			Aug*63	Sept 66
	DS			X		Sept 63	June 66
	Public Roads	X				Sept 63	June 66

**GRAND FORKS AIR FORCE BASE
COMPOSITE ANALYSIS - SUPPORT RESPONSIBILITIES**

LINE ITEM	CATEGORY	SATAF BASE BOEING RY/COND				DATES	
						START	END
18.0	SNOW REMOVAL						
18.1	Mechanical						
	Base, LF, LCF		X	X		Oct 63	Aug 66
	DS			X		Oct 63	Aug 66
	Public Roads			X		Oct 63	Aug 66
18.2	Building Approaches						
	Base			X		Oct 63	Aug 66
	LF, LCF and DS			X		Oct 63	June 66
19.0	JANITORIAL SERVICES						
	Base			X	X	Aug 63	Aug 66
	LF, LCF and DS			X		Sept 63	June 66
20.0	TRASH REMOVAL						
	Base		X			Aug 63	Aug 66
	LF, LCF and DS			X		Sept 63	June 66
21.0	MAINTENANCE, TEST AND REPAIR						
21.1	General Repair			X	X	Aug 63	Aug 66
21.2	Instrument Test and Repair			X		June 64	Aug 66
21.3	Base Standards Precision	X	X	X	X	Sept 63	June 66
	Measurement Equipment Laboratory (PMEL)						
21.4	Chemical Laboratory			X		Sept 63	June 66
21.5	Automotive Maintenance Repair			X		Aug 63	Aug 66
22.0	TECHNICAL PUBLICATIONS	X	X	X	X	Aug 63	Aug 66
23.0	DISPOSAL OF PROPERTY						

GRAND FORKS AIR FORCE BASE

LINE ITEM	CATEGORY	SATAF	BASE	BOEING	RV CONL	DATES	
						START	END
23.1	Surplus Serviceable and Salvageable Property			X	X	May 64	Sept 66
23.2	Explosive Ordnance Disposal		X			May 64	- - - -
24.0	WEATHER DATA		X			Aug 63	June 66
25.0	MOBILE FACILITIES						
25.1	Dispatch Area			X		Sept 63	June 66
25.2	Personnel Housing			X		Aug 63	Sept 66
26.0	HELICOPTER AND/OR AIRCRAFT SUPPORT						
	Base	X	X	X		Oct 63	Sept 66
	LF, LCF and DS	X		X		Oct 63	June 66
27.0	OFFICE EQUIPMENT			X		Aug 63	Sept 66
28.0	CONTRACTOR SUPPORT AREA VI- GFAFB					Sept 63	Sept 66
29.0	UTILITIES REQUIREMENTS - GFAFB					Aug 63	Sept 66
30.0	MO-GAS REQUIREMENTS - GFAFB		X	X		Aug 63	Oct 66
31.0	GRAPHIC SUPPORT			X		Oct 63	June 66
32.0	SUPPORT TO THE TECHNICAL ORDER COMPLIANCE UNIT (TOCU)					June 65	Sept 66
32.1	TOCU Personnel			X		June 65	Sept 66
32.2	TOCU Office Facilities and Services		X	X		June 65	Sept 66
33.0	SITE PLAN						

4.0 MEDICAL

4.1 FIRST AID SERVICE

Grand Forks AFB will provide emergency first aid dispensary service to Boeing and to the R/V Contractor personnel on the base.

Boeing will provide first aid service at the Launch Facilities (LF's), Launch Control Facilities (LCF's) and Dispatch Stations (DS's).

4.2 AMBULANCE SERVICE

Emergency ambulance service at LF's, LCF's and Dispatch Stations (DS's) will be provided by Boeing. Emergency ambulance service on the base will be provided by the Base Hospital.

4.3 HOSPITAL SERVICE - EMERGENCY

Emergency medical service for Boeing and other personnel designated by SATAF on Grand Forks AFB will be provided by the Host Base Hospital in accordance with applicable AF regulations. Boeing will provide emergency medical service at the LF's, LCF's and DS's.

5.0

FIRE PROTECTION

5.1

POLICY AND PROCEDURAL GUIDANCE

Grand Forks AFB Fire Marshall will inform Contractors of the policies and procedures necessary to assure adequate fire protection consistent with the Air Force Fire Protection Program. Boeing and the R/V Contractor will implement requirements in facilities assigned to them and maintain a close working liaison with the Base Fire Marshal.

5.2

FIRE EXTINGUISHERS

Grand Forks AFB will provide and maintain fire extinguishers at Boeing and the R/V Contractor occupied facilities on the base. Grand Forks AFB will distribute fire extinguishers by type and quantity required for hazards peculiar to each area.

Grand Forks AFB will be responsible for providing operational level fire extinguishers in LF's, LCF's, and SMSB facilities during assembly and checkout. In addition, the base will provide additional water-type extinguishers required during assembly and checkout if available.

Boeing will provide additional fire extinguishers as required.

Grand Forks AFB will provide for maintenance, repair, and/or recharging of fire extinguishers used during assembly and checkout. Boeing will deliver operational level and A&CO fire extinguishers from and to LF's, LCF's, and DS's.

5.3

FIRE PREVENTION

Boeing and the R/V Contractor will maintain a program to control fire hazards and provide for the elimination of fire hazards in their assigned facilities. This program will include training of Boeing and R/V Contractor employees, in coordination with Grand Forks AFB in the use of fire extinguishers and other fire appliances and instructions as to fire reporting and fire prevention practices.

Boeing will, in addition to base requirements, maintain an auxiliary fire brigade training program; Boeing personnel will be instructed to assist Grand Forks AFB professional fire personnel whenever requested to do so by the Base Fire Marshal.

Grand Forks AFB will furnish such support as may be available in connection with training of Boeing personnel on fire prevention matters and will conduct fire inspections of contractor-occupied facilities in compliance with normal base practices.

5.4

FIRE FIGHTING

Fire fighting service on the base is a responsibility of Grand Forks AFB.

Boeing will establish, supervise, and train a fire brigade for LF, LCF, and DS operations. Arrangements for assistance from local fire districts will be established by the Base Fire Marshal.

6.0 SAFETY

6.1 PROCEDURAL GUIDANCE

The safety program involves procedural and policy guidance and safety monitoring as provided in BSD Exhibit 62-16, to ensure that proper methods and procedures are used. Boeing and the R/V Contractor will be responsible for preparing and implementing a safety program.

To meet their responsibilities for the safety program, Boeing and the R/V Contractor will work in close coordination with the Grand Forks AFB Safety Director so that the safety program that pertains to this site activation can be fully coordinated into the over-all safety program. Boeing will provide safety engineers for surveillance over all their operations and they will serve as representatives for any coordination activities with the Grand Forks AFB Ground Safety Director.

6.2 INDIVIDUAL PROTECTION EQUIPMENT

Boeing and the R/V Contractor will provide individual protective clothing and equipment to their respective personnel.

7.0 SECURITY

7.1 POLICY AND PROCEDURAL GUIDANCE

The Deputy Commander for Minuteman, Hq., BSD, is responsible for establishing criteria and guidelines for security of missile site activation operations, the implementation of which will be in accordance with the terms of the contract under which the work is being performed. Boeing and the R/V Contractor will comply with the Department of Defense (DOD) Industrial Security Manual for Safeguarding Classified Information unless responsibility for security is modified contractually and will protect government property in their custody in accordance with sound industrial practices.

7.2 GUARDS

Boeing will be responsible for providing security guard coverage at Boeing occupied facilities at Grand Forks AFB and at the LF's, LCF's, and DS's. Boeing will provide such storage and convoy security as may be required during transportation of weapon system equipment.

7.3 CONTRACTOR FACILITIES

Boeing will be responsible for establishing and maintaining controls for access to contractor's "Restricted Areas" and "Closed Areas" at the CSA, DS's, and Air Force designated "National Defense" and/or "Restricted Areas" at the LF's and LCF's.

7.4

IDENTIFICATION SYSTEM

Boeing will administer the Minuteman Identification Badge System. Boeing badges and appropriately-coded SAC Form 300 badges will be used to control access to Boeing-occupied facilities on the base and at DS's. SAC Form 300 (badge) will be used to control access to remote LP's, LCP's, and SAC Restricted Areas.

7.5

VISITOR CONTROL

Boeing will operate a central visitor control office and will screen all incoming requests for classified visits for compliance with the DOD Industrial Security Manual. The R/V Contractor will maintain visitor control for R/V Contractor personnel.

7.6

LOCKSMITH SERVICE

Boeing will provide and maintain security-type cabinets for the storage of classified information including locking bars and combination locks for SATAF, the R/V Contractor, and Boeing. Modification of cabinets to meet requirements of the DOD Industrial Security Manual is the responsibility of Boeing.

8.0

FOOD SERVICE

Grand Forks AFB will provide food service on the base for Boeing personnel through the facilities of the base cafeteria. Food service will not be provided at the LF's or the LCP's. However, Boeing will provision for and provide food service for Boeing and SATAF personnel assigned to these areas in the form of sack lunches available at the DS's only.

8.1

FOOD SERVICE REQUIREMENTS

Personnel requiring cafeteria support at Grand Forks AFB during the Wing VI construction and assembly program are estimated below:

	4/64	7/64	10/64	1/65	4/65	7/65	10/65	1/66	4/66	7/66
Boeing	83	116	155	210	303	338	342	328	275	132
SATAF	241	210	256	254	245	225	191	160	160	111
TOTAL:	324	365	411	464	548	563	533	488	435	243

These figures are based upon the total number of personnel who will be assigned to the base, including local hires, with the exception of Boeing employees eligible for Bachelor "B" quarters who will receive meals from the catering service in the Bachelor "B" housing area. The personnel total was reduced by one-half to take into consideration those who will bring lunches rather than using base meal facilities.

9.0 PHOTOGRAPHIC SERVICES

9.1 GROUND PHOTOGRAPHY

Boeing and the R/V Contractor will provide still and motion picture coverage for their respective requirements and contractual commitments. Grand Forks AFB will provide still picture coverage as specified by SATAF.

9.2 AERIAL PHOTOGRAPHY

SATAF will arrange for aerial photography and services as required by Boeing and/or as may be specified under the contract. Boeing will furnish photographer(s) as requested.

9.3 PHOTO PROCESSING

Motion picture and still film may be processed by Boeing and/or R/V Contractor through commercial sources or Grand Forks AFB, whichever is most economical or feasible to satisfy requirements specified by SATAF.

9.4 PHOTO REQUIREMENTS

The estimate of photo processing requirements at Grand Forks Air Force Base is as follows:

1. During construction: Maximum of five (5) photos a day.
2. After start of Assembly and Checkout: Maximum of fifteen (15) photos a day.

All Boeing motion picture photography will be processed in Seattle.

10.0 COMMUNICATIONS

10.1 MAIL SERVICE

Grand Forks AFB will provide incoming and outgoing postal service through the U. S. Post Office at Grand Forks AFB.

10.2 DISTRIBUTION

Pickup, delivery and distribution of all mail will be handled by Boeing and the R/V Contractor.

10.3 ON-BASE TELEPHONE SERVICE

The Host Base (GFAFB) will provide Boeing and the R/V Contractor all telephone communications required on-Base and will initiate action to expand Base wire facilities as required.

The Host Base (GFAFB) will provide tie lines between the Base Switching Facility and Boeing Switchboards within the CSA as required.

Boeing will submit all Boeing requirements to SATAF Communications Office for appropriate action.

10.3.1 Remote (DS, LCF and LF) Telephone and Radio Service

SATAF will provide to Boeing and R/V Contractor during all phases of the activation, services to include telephones, radio, switchboards, teletype or facsimile and required local and Intra-Wing long haul circuitry.

10.3.1 Remote (DS, LCF and LF) Telephone and Radio Service (Continued)

The magneto telephones (EES) and switchboard (BD 86 or 96 type) required in the A&CO phase for communications between the LCF's and the LF's will be provided to Boeing by SATAF.

Boeing will submit all Boeing requirements to SATAF Communication Office for appropriate action.

10.3.2 Leased Lines and Toll

The Boeing Company will provision for and furnish all leased lines required by the Company that terminate outside of the Wing Area including special terminating equipment such as facsimile, data processing and line switching equipment. The SATAF Communications Officer will coordinate with Host Base Communications Officer to assure compatible termination of Boeing provisioned leased circuitry and related gear.

Boeing is authorized and will use Toll or QZ credit cards for long distance calls as required.

10.3.3 Mobile Communications

SATAF will provide mobile communication system to include a 150 foot antennae on Building 306, for Boeing-SATAF as planned and agreed upon by a joint working group consisting of BSD, CEBMCO and TBC. GFAFB will provide all on-Base telephone cable pairs and related circuits required for the mobile radio system. Boeing will operate and control fixed stations within the CSA and Dispatch Stations.

10.3.3

Mobile Communications (Continued)

Boeing will submit all Boeing requirements to SATAP Communication Office for appropriate action.

11.0

REPRODUCTION SERVICES

Boeing will install, operate and maintain all light reproduction equipment for use of Boeing and SATAF.

Heavy reproduction services will be provided by Boeing for Boeing and SATAF.

12.0

TRANSPORTATION

12.1

PERSONNEL TRANSPORTATION

Boeing will provide for and operate Centralized Dispatch Control Stations at the CSA and DS's for SATAF personnel to include Geodetic Survey, and Boeing personnel. Contract provisioned vehicles will be available at the Centralized Dispatch Control Stations for authorized SATAF, Geodetic Survey, and Boeing personnel use during working hours only.

12.2

BUS SERVICE

Boeing will provide scheduled bus service on the base in support of SATAF, Geodetic Survey, and Boeing personnel.

Each employee is responsible for transportation between his residence and his assigned work area at the start and end of the work shift.

Boeing will provide bus service between the assigned work areas, LF's and LCF's during authorized working hours.

13.0 MATERIAL HANDLING

13.1 FREIGHT AND MATERIAL DELIVERY SCHEDULE

Boeing will accomplish the pickup of deliveries from local transportation sources in support of SATAF and Boeing. R/V Contractor will accomplish their own local area material pickup.

13.2 INTER-SITE SERVICE

Boeing will accomplish the movement of materials, parts, and equipment between the base and the LP's, LCF's and DS's.

13.3 INTRA-BASE SERVICE

Boeing will accomplish all required Intra-Base service during assembly and checkout.

Grand Forks AFB will provide emergency back-up support for on-base material handling and delivery of equipment in support of SATAF, and Boeing during site activation.

13.4 SPECIAL PURPOSE VEHICLES AND MATERIAL HANDLING EQUIPMENT

Boeing and R/V Contractor will provide all special purpose vehicles and material handling equipment as required to accomplish scheduled assembly and checkout functions.

Grand Forks AFB will provide such equipment as available when required for emergencies during Site Activation, operation, and phase-out of Boeing and SATAF activities.

13.4 SPECIAL PURPOSE VEHICLES AND MATERIAL HANDLING EQUIPMENT (Continued)

Grand Forks AFB will issue operator permits to qualified Contractor personnel to operate Base vehicles.

13.5 LOG AIR DELIVERIES

Grand Forks AFB will normally provide personnel and equipment to accomplish loading and unloading of all aircraft. Boeing will assist as requested by the Base. (This includes all materials except missiles.)

Boeing will provide the Base Transportation Office with schedule and Estimated Time of Arrivals (ETA's) when available. Boeing will provide for the transportation of equipment and supplies from the unloading area during site activation.

13.6 MISSILE DELIVERIES (DOES NOT APPLY TO RECYCLE)

Boeing will provide special equipment and personnel to accomplish loading, unloading, and handling of missiles. In the case of missiles transported by military aircraft, Boeing will assist Grand Forks AFB as required.

SATAP will provide missile handling, transfer, and storage areas or facilities. Boeing will be afforded joint usage of these areas or facilities.

13.7 RAIL DELIVERIES

Boeing will establish liaison with the railroads and the Grand Forks Air Force Base Transportation Officer, as necessary,

13.7 RAIL DELIVERIES (Continued)

to accomplish Boeing on-base railcar switching requirements. Boeing will load and unload railroad consigned shipments.

13.8 PACKING AND CRATING

Boeing will operate packing and crating service. Unless otherwise required by contract, this service will be limited to standard commercial practices. Boeing will extend this service to the R/V Contractor except as it pertains to munitions handling and shipping.

13.9 RECEIVING AND SHIPPING

Boeing and the R/V Contractor will inspect, accept, and assume responsibility for property in accordance with contractual requirements, appropriate section of Armed Services Procurement Regulations (ASPR) and the approved Contractor's accountability procedures.

SATF Transportation Officer will provide from the Base Traffic Management officer Government Bills of Lading (GBL's) to Boeing who will process them as required. Boeing and the R/V Contractor will in-check and receipt for goods on SAC Form 92 on shipments erroneously delivered to SAC facilities. Boeing will accomplish GBL after receipt of shipments.

OOAMA will provide second destination funding to the Base Traffic Management Officer. Boeing and the R/V Contractor will provide data to support OOAMA for second destination funding.

14.0 OPERATING SUPPLIES AND MATERIALS

14.1 EXPENDABLE SUPPLIES

Boeing and the R/V Contractor will provide all expendable supplies, for offices and maintenance, repair or overhead items and materials as required. Boeing will procure expendable items that are available from the normal stock of the Base Procurement Service Store.

Boeing will provide expendable supplies for SATAF.

14.2 PETROLEUM OILS AND LUBRICANTS (POL) SUPPLIES (SEE ITEM 30.0)

Grand Forks AFB will provide and deliver POL supplies and gasoline to Boeing at the base. Boeing will provide and operate dispensing facilities.

Boeing will arrange for and provide POL supplies and gasoline at the DS's and at the base except as noted above.

Grand Forks AFB will provide diesel fuel for the LF's and LCF's.

Boeing will furnish LP fuel for the Boeing installed transportable facilities complex.

Boeing will provide SATAF with a schedule of POL Supplies, Diesel fuel and gasoline requirements.

15.0 UTILITIES (SEE ITEM 29.0)

15.1 COMMERCIAL ELECTRICAL SYSTEMS

Grand Forks Air Force Base will furnish power and provide for the distribution and maintenance of electrical systems on the base except for the secondary distribution system in the Boeing installed transportable facilities complex.

Grand Forks Air Force Base is responsible to provide electrical power to the main switch panel at the LF's and LCF's.

Boeing will maintain electrical systems and make temporary distributions as required, at the LF's, and LCF's.

Boeing will provide, distribute, and maintain electrical systems at the DS's and the off-base Mobile Housing Areas.

15.2 WATER SYSTEMS - DOMESTIC

Grand Forks Air Force Base will provide water and maintain domestic water systems on the base.

Boeing will provide and maintain bottle-type portable water coolers as required.

Boeing will provide and maintain water systems at the DS's, and off-base Mobile Housing Areas and maintain water systems at the LCF's.

Boeing will provide and maintain portable water containers at the LF's during assembly and checkout.

15.3

ENVIRONMENTAL CONTROL SYSTEMS

Grand Forks Air Force Base will provide, operate and maintain heating and ventilating systems on the base except that required in the Boeing installed transportable facilities.

Boeing will maintain the required specialized heating and ventilating systems within these assigned buildings.

15.4

SEWERAGE SYSTEMS

Grand Forks Air Force Base will provide for and maintain sewerage systems on the base.

Boeing will maintain sewerage systems at the LCF's, DS's, and the off-base Mobile Housing Areas.

Boeing will provide portable sanitation facilities at the LF's during assembly and checkout.

16.0 BUILDINGS AND GROUNDS (SEE ITEM 28.0)

16.1 REHABILITATION AND MODIFICATION

Boeing will submit design criteria, cost estimates, plans, and specifications for the rehabilitation and modification and/or construction of buildings and grounds through SATAF to Hq. BSD prior to start of construction.

Boeing will provide design and layout, obtain SATAF approval and accomplish minor modifications of assigned buildings after Beneficial Occupancy Date.

Boeing will provide surveillance over design and construction of all CSA, Dispatch Station and Mobile Housing areas. Boeing will provide Grand Forks AFB Civil Engineer through SATAF with as-built drawings of Boeing constructed or modified buildings.

SATAF will acquire all buildings and grounds from Grand Forks AFB for assignment to Boeing.

16.2 MAINTENANCE

Grand Forks AFB will maintain building structures and maintain and operate real property installed equipment of buildings on base assigned to Boeing and SATAF except in the Boeing installed transportable facilities.

16.3 GROUNDS MAINTENANCE

Grand Forks AFB will provide grounds maintenance on the base.

16.3

GROUNDS MAINTENANCE (Continued)

Boeing is responsible for grounds maintenance at the LP's,
LOF's, DS's and Mobile Housing Areas.

17.0 ROADS

17.1 ROAD MAINTENANCE

Grand Forks AFB will maintain base roads, parking lots, and Government owned access roads at the LP's and the LCF's upon acceptance by SATAF from the Corps of Engineers.

SATAF will maintain liaison with State and County agencies as necessary to assure maintenance of roads utilized by Boeing.

18.0 SNOW REMOVAL

18.1 MECHANICAL

Grand Forks AFB will provide and be responsible for mechanical means of snow removal from roads and parking lots on the base and from access roads and parking areas at LF's and LCF's.

SATAF through GFAPB, will provide and/or negotiate with State and County agencies for snow removal from State and County roads utilized by Boeing for access to the LF and LCF's. Boeing will provide schedules and priorities for snow removal. Boeing will provide for mechanical snow removal at the off-base LF's and off-base Mobile Housing Area.

18.2 BUILDING APPROACHES

Boeing will provide labor and accomplish snow removal from building approaches in their assigned area on the base.

Boeing will provide labor and accomplish snow removal from building approaches at the LF's, LCF's, DS's and Mobile Housing Areas.

19.0

JANITORIAL SERVICES

Boeing will provide janitorial services for SATAF and Boeing assigned and/or occupied areas at the base.

The R/V Contractor will provide janitorial service in their assigned areas.

Boeing will provide janitorial service at the LP's, LCF's, DS's and Mobile Housing Areas.

20.0

TRASH REMOVAL

Grand Forks Air Force Base will provide suitable containers and accomplish the removal of trash on the base.

Boeing will provide for the removal of trash from the LF's, LCF's, DS's and Mobile Housing Areas.

21.0 MAINTENANCE, TEST, AND REPAIR

21.1 GENERAL REPAIR

Boeing will provide for the repair and maintenance of equipment assigned to SATAF and Boeing (e.g. vehicles, office equipment, etc.)

The R/V Contractor will provide for repair and maintenance of their WS-133A equipment.

21.2 INSTRUMENT TEST AND REPAIR

Boeing will operate a maintenance and test area within the CSA for category I & II test equipment only.

21.3 BASE STANDARDS PRECISION MEASUREMENT EQUIPMENT LABORATORY (PMEL)

Grand Forks Air Force Base will provide and maintain precision measuring equipment laboratory services for Boeing category III and certain category II equipment requiring such services.

SATAF will provide temporary equipment augmentation peculiar to the requirements of the assembly and checkout phase to the base PMEL.

Boeing and the R/V Contractor will provide SATAF a list consisting of schedules and quantities of equipment that require periodic certification by the base PMEL during site activation.

Boeing and R/V Contractor will augment Grand Forks Air Force Base PMEL personnel as required.

21.3

BASE STANDARDS PRECISION MEASUREMENT EQUIPMENT
LABORATORY (PMEL) (Continued)

SATAP/Boeing will be responsible for furnishing peculiar bit and piece supply support to the base PMEL during the installation and checkout phase on all CFE calibrated, repaired, and/or maintained test equipment items. The base PMEL will supply bit and pieces support for calibration, repair and maintenance of GFE during this aforementioned period.

Boeing will be responsible to furnish the base PMEL calibration procedures/T.O.'s for all CFE peculiar items serviced by this base facility.

21.4

CHEMICAL LABORATORY

Boeing will obtain chemical laboratory services as required.

21.5

AUTOMOTIVE MAINTENANCE AND REPAIR

Boeing will provide maintenance and repair services for all contractor support vehicles and material handling equipment.

22.0

TECHNICAL PUBLICATIONS

Grand Forks Air Force Base will provide forms and publications in compliance with AFM 5-4 and technical orders in compliance with AFM 66-7 TO 00-5-2 to Boeing. The SATAF Commander will provide AFSC publications and forms to Boeing and the R/V Contractor.

Boeing and the R/V Contractor will furnish Grand Forks Air Force Base Publications Distribution Manager with requirements for military publications, including technical orders and forms in accordance with local procedures.

23.0 DISPOSAL OF PROPERTY

23.1 SURPLUS SERVICEABLE AND SALVAGEABLE PROPERTY

All surplus, serviceable, salvageable property and scrap material for which Boeing and the R/V Contractor have accountability responsibility will be programmed and/or disposed of in accordance with the Contractor's General Accounting procedures, contractual obligations, Air Force regulations and SAC Manual 11-4.

23.2 EXPLOSIVE ORDNANCE DISPOSAL

Grand Forks Air Force Base will arrange for all explosive ordnance disposal.

24.0

WEATHER DATA

Grand Forks Air Force Base will provide daily weather data to SATAF/Boeing and the R/V Contractor including warnings of unusual weather conditions.

25.0 DISPATCH STATIONS AND PERSONNEL HOUSING

25.1 DISPATCH STATION

Boeing will submit plans showing office and storage layouts and location for the dispatch facilities to BSD and SATAF for study and approval. The final design criteria and/or specification and work implementation will be the responsibility of Boeing after contractual approval by AFBSD.

25.2 PERSONNEL HOUSING

Boeing will submit a housing plan for Boeing and SATAF personnel including layouts and locations to BSD and SATAF for approval. The final design criteria and/or specification and work implementation will be the responsibility of Boeing after contractual approval by AFBSD.

26.0

HELICOPTER AND/OR AIRCRAFT SUPPORT

SATAP will arrange for AF helicopter and/or aircraft support.

Boeing will lease commercial helicopters and light fixed wing aircraft needed for site activation as approved by SATAP and BSD in accordance with BSDL 70-38. Boeing will operate a centralized Dispatch Control Station under SATAP jurisdiction to control use of helicopters and/or aircraft on a priority basis as agreed upon between SATAP and the Boeing Base Manager. Boeing will provide landing, take-off and parking areas at the LF's, LCF's and off-base DS's, subject to SATAP and BSD approval.

Grand Forks AFB will provide parking, take-off and landing facilities on the base. Grand Forks Air Force Base will also provide back-up helicopter and/or aircraft support for emergency evacuation of seriously injured personnel at the LF's, LCF's and off-base DS's.

27.0

OFFICE EQUIPMENT

Boeing will provide and maintain office equipment for SATAF, the R/V Contractor and Boeing.

Boeing will maintain liaison through SATAF with Base Supply for available surplus office equipment.

28.0 CONTRACTOR SUPPORT AREA VI - GRAND FORKS AFB

28.1 CONTRACTOR BUILDING SPACE SUMMARY

	<u>ASSIGNED</u>
A. Administration Area	52,100 sq. ft.
B. Shop, Staging, and Support Area	118,927 sq. ft.
C. Vehicle Maintenance Shop	17,460 sq. ft.
TOTALS	188,387 sq. ft.
D. Open Yard	3,333 sq. yds.
E. Parking Area	sq. yds.

28.2 ARCHITECTURAL REQUIREMENTS

- A. Administration - Enclosed office area with private offices and secured areas as required.
- B. Shop, Staging, and Support - Shop-type area with limited enclosed office area and secured areas. Approximately 10,500 sq. ft. is environmentally controlled.
- C. Vehicle Maintenance - Shop-type area with limited enclosed office areas.

29.0 UTILITIES REQUIREMENTS - GRAND FORKS AIR FORCE BASE

29.0	LF's ICF's & DS's	BASE (CSA)			REMARKS
		ADMIN.	SHOP STAGING SUPPORT	ELECTRONICS AREA	
1. Electrical KVA Volts Cycles Phase		(D) 240 110 60 Single	(D) 470 120 208 60 60 Single 3	(D) 200 (120/208) 60 3	(A) Class I environment for the Electronics Maintenance and Test Facilities Room 72° + 2°F 50% relative humidity. Air filtration shall be 85% efficient as measured by the Air Institute method.
2. Heating Temperature		72° (B)	60°-65° (B)	(A)	(B) Class II environmental control to maintain comfort conditions as defined in Air Force Manual 88-15, Chapters E and F.
3. Compressed Air Pound per Sq. In. (PSI) Cubic ft. per min.		- -	100 (C)	- -	(C) 10 SCFM per duplex outlet. (D) Connected to existing base system.
4. Water		Normal (D)	Normal (D)	-	

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30.0

MO-GAS REQUIREMENTS - GRAND FORKS AIR FORCE BASE

<u>Year</u>	<u>Month</u>	<u>Gallons Mo.</u>
1963	July	2,200
	August	2,800
	September	6,800
	October	10,600
	November	13,500
	December	15,300
1964	January	17,000
	February	20,600
	March	22,900
	April	24,000
	May	24,300
	June	24,400
	July	25,500
	August	25,900
	September	28,300
	October	29,700
	November	31,200
	December	32,300
1965	January	35,900
	February	35,900
	March	35,900
	April	42,500

30.0

MO-GAS REQUIREMENTS - GRAND FORKS AIR FORCE BASE (Continued)

<u>Year</u>	<u>Month</u>	<u>Gallons Mo.</u>
1965	May	42,500
	June	42,500
	July	42,500
	August	42,500
	September	47,000
	October	50,000
	November	50,000
	December	47,000
1966	January	45,000
	February	45,000
	March	42,500
	April	42,500
	May	42,500
	June	10,000
	July	8,000
	August	6,000
	September	6,000
TOTAL QUANTITIES REQUIRED		1,119,000

31.0

GRAPHIC SUPPORT

Boeing will provide SATAF with graphic support.

32.0 SUPPORT TO THE TECHNICAL ORDER COMPLIANCE UNIT (TOCU)

32.1 TOCU PERSONNEL

Boeing will provide the supplies and services including housing to support TOCU personnel in the same manner and to the extent Boeing and Associate Contractor personnel are supported in the A&C/O task.

32.2 TOCU OFFICE FACILITIES AND SERVICES

Grand Forks AFB will provide the following office space and GFE equipment to support Boeing and Associate Contractor personnel assigned to the TOCU:

A minimum of fifteen hundred additional square feet of working and storage space furnished as GFP, located within reasonable proximity to SATAF Headquarters which space shall meet reasonable requirements for lighting, ventilation and noise level.

Two additional telephone lines and four instruments.

Additional office furniture, machines and equipment as follows:

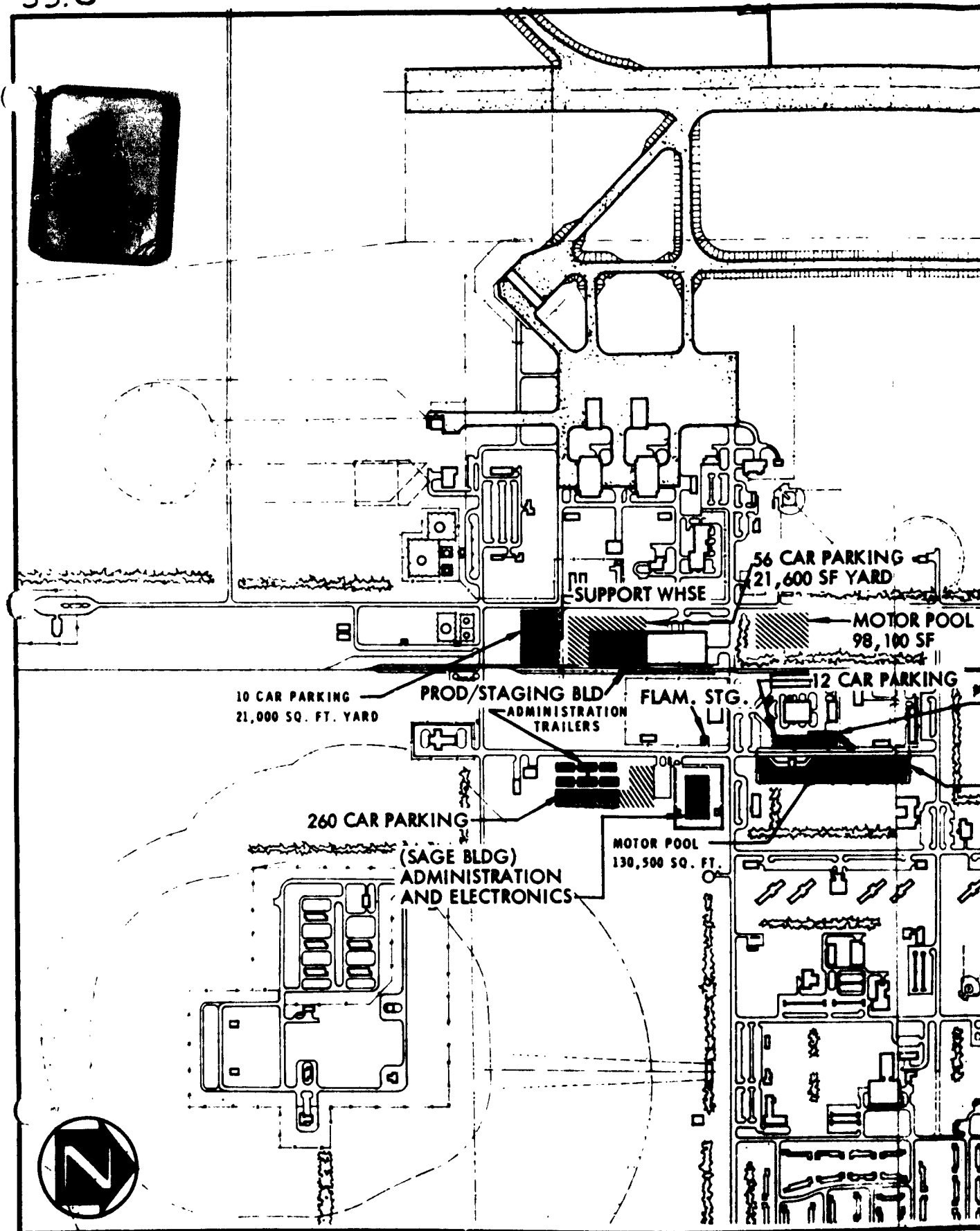
Desks, Executive and chairs	7 ea.
Desks, Steno and chairs	2
Table, Conference (8')	1
Table, Conference (6')	1
Chairs, Straight back	8
Cabinets, filing	2
Cabinet, filing w/security lock	1
Typewriter, electric	1
Typewriter, standard	1
Machine, ditto	1
Shelves	200 lineal feet

32.2

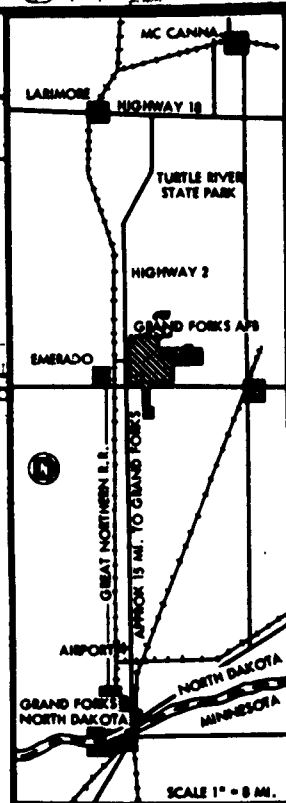
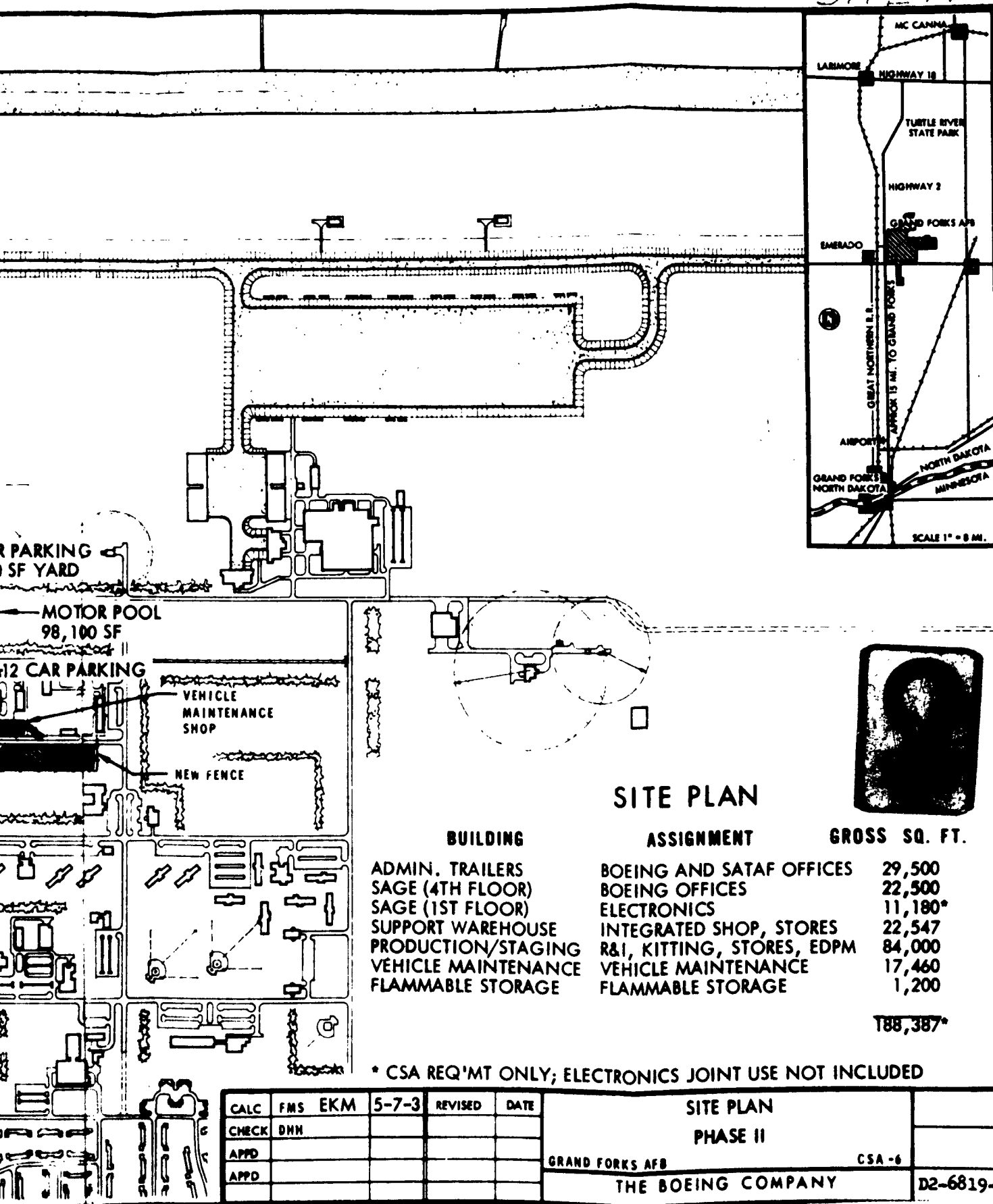
TOCU OFFICE FACILITIES AND SERVICES (Continued)

Boeing will support the operation of and maintain the office space used by TOCU personnel including the furnishing of expendable supplies, mail distribution, and reproduction services as provided herein to the A&C/O effort.

33.0



33
SITE PLAN



SITE PLAN



BUILDING	ASSIGNMENT	GROSS SQ. FT.
ADMIN. TRAILERS	BOEING AND SATAF OFFICES	29,500
SAGE (4TH FLOOR)	BOEING OFFICES	22,500
SAGE (1ST FLOOR)	ELECTRONICS	11,180*
SUPPORT WAREHOUSE	INTEGRATED SHOP, STORES	22,547
PRODUCTION/STAGING	R&I, KITTING, STORES, EDPM	84,000
VEHICLE MAINTENANCE	VEHICLE MAINTENANCE	17,460
FLAMMABLE STORAGE	FLAMMABLE STORAGE	1,200
		T88,387*

* CSA REQ'MT ONLY; ELECTRONICS JOINT USE NOT INCLUDED

CALC	FMS	EKM	5-7-3	REVISED	DATE	SITE PLAN	
CHECK	DMH					PHASE II	
APPD						GRAND FORKS AFB	CSA-6
APPD						THE BOEING COMPANY	
							D2-6819

33.0
SITE
PI DN